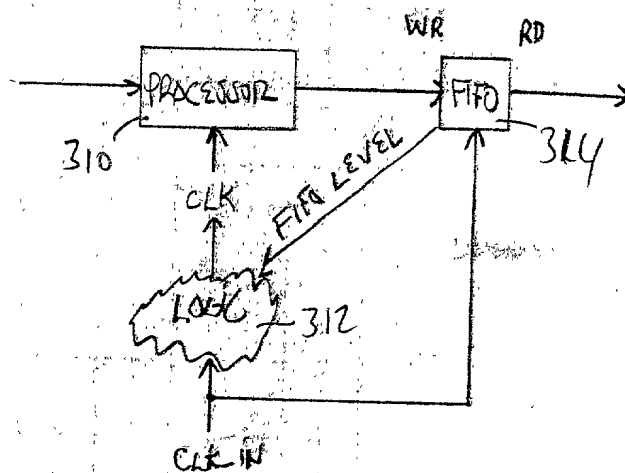


FIG. 1



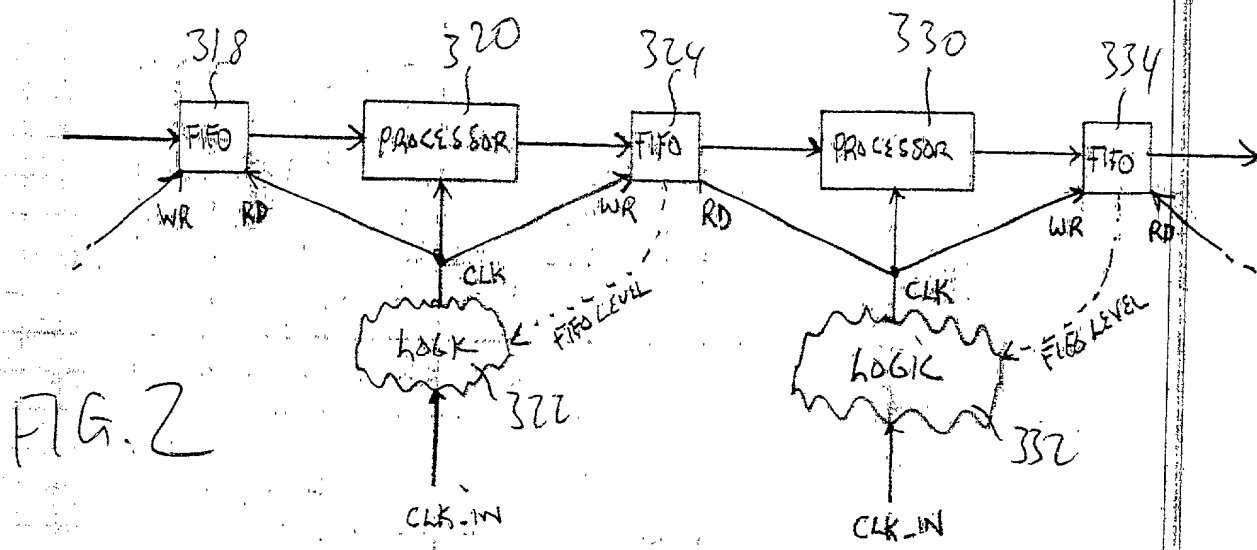


FIG. 3

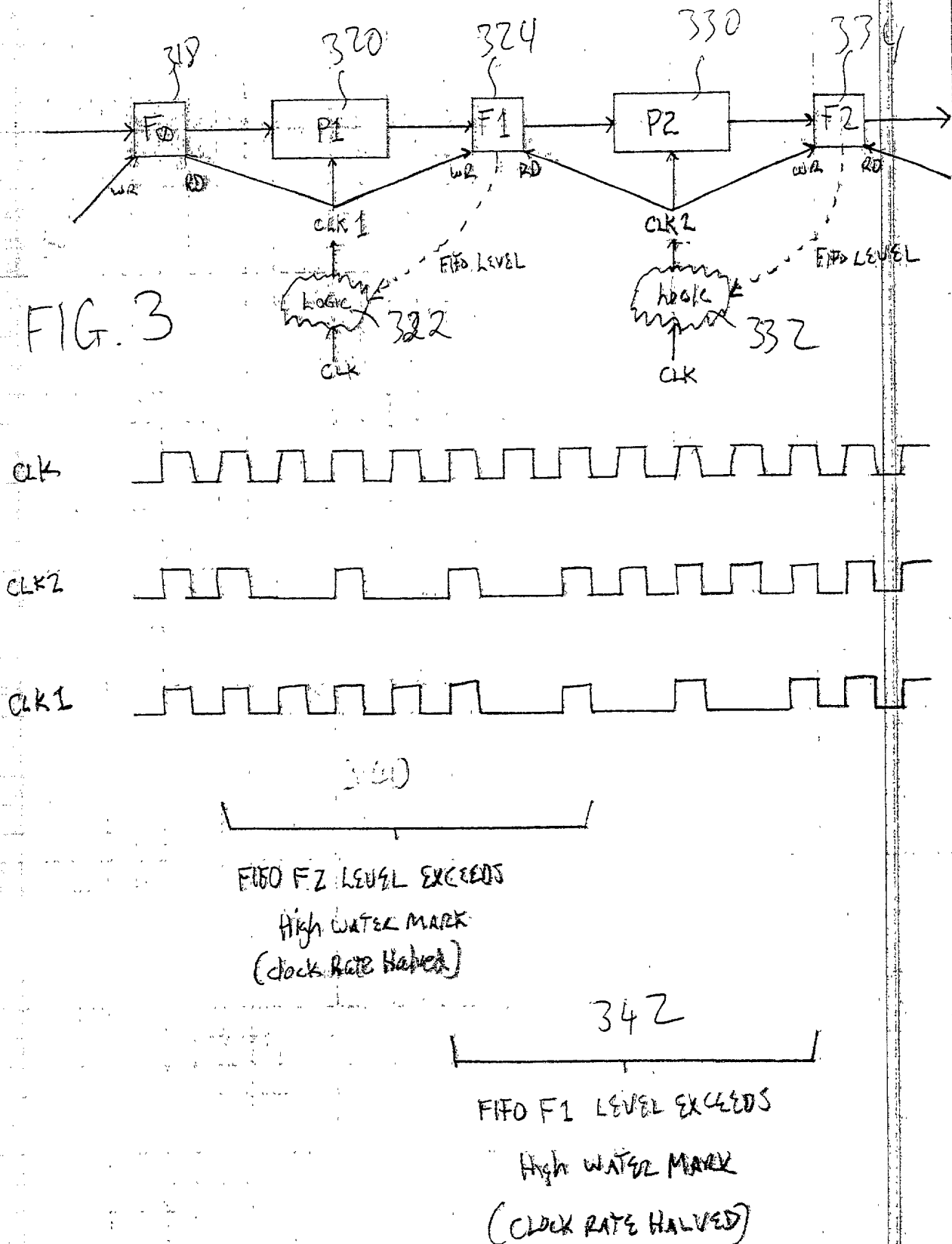
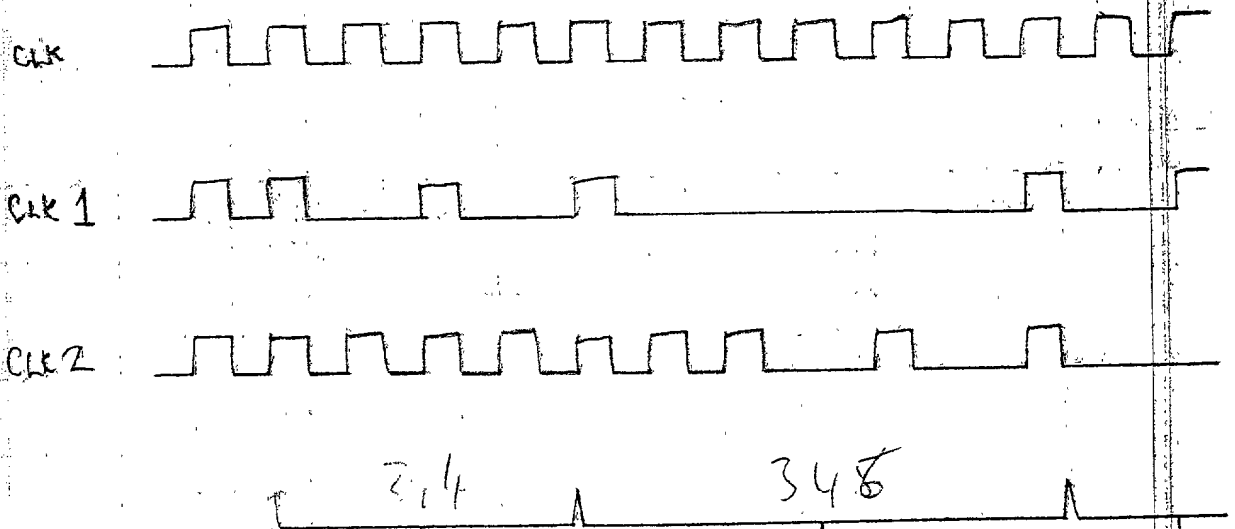
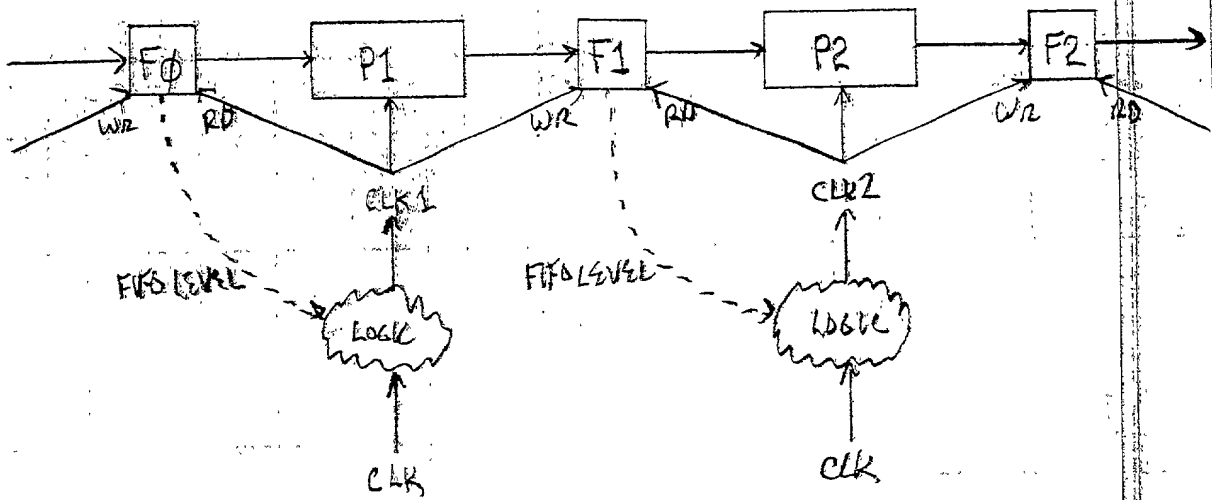


FIGURE 3: EXAMPLE BEHAVIOR WITH MULTIPLE INDEPENDENT CLOCK CONTROLS



FIFO 0 LEVEL  
BELOW LOW WATER MARK

FIFO 0 LEVEL  
EMPTY

FIFO 0 LEVEL  
LEVEL NO LONGER EMPTY

FIG. 4

FIGURE 4: EXAMPLE BEHAVIOUR OF FIFO EMPTY / NEAR EMPTY WITH MULTIPLE INDEPENDENT CLOCK CONSTRAINTS

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FIFO 1 LEVEL BELOW LOW WATER MARK

130

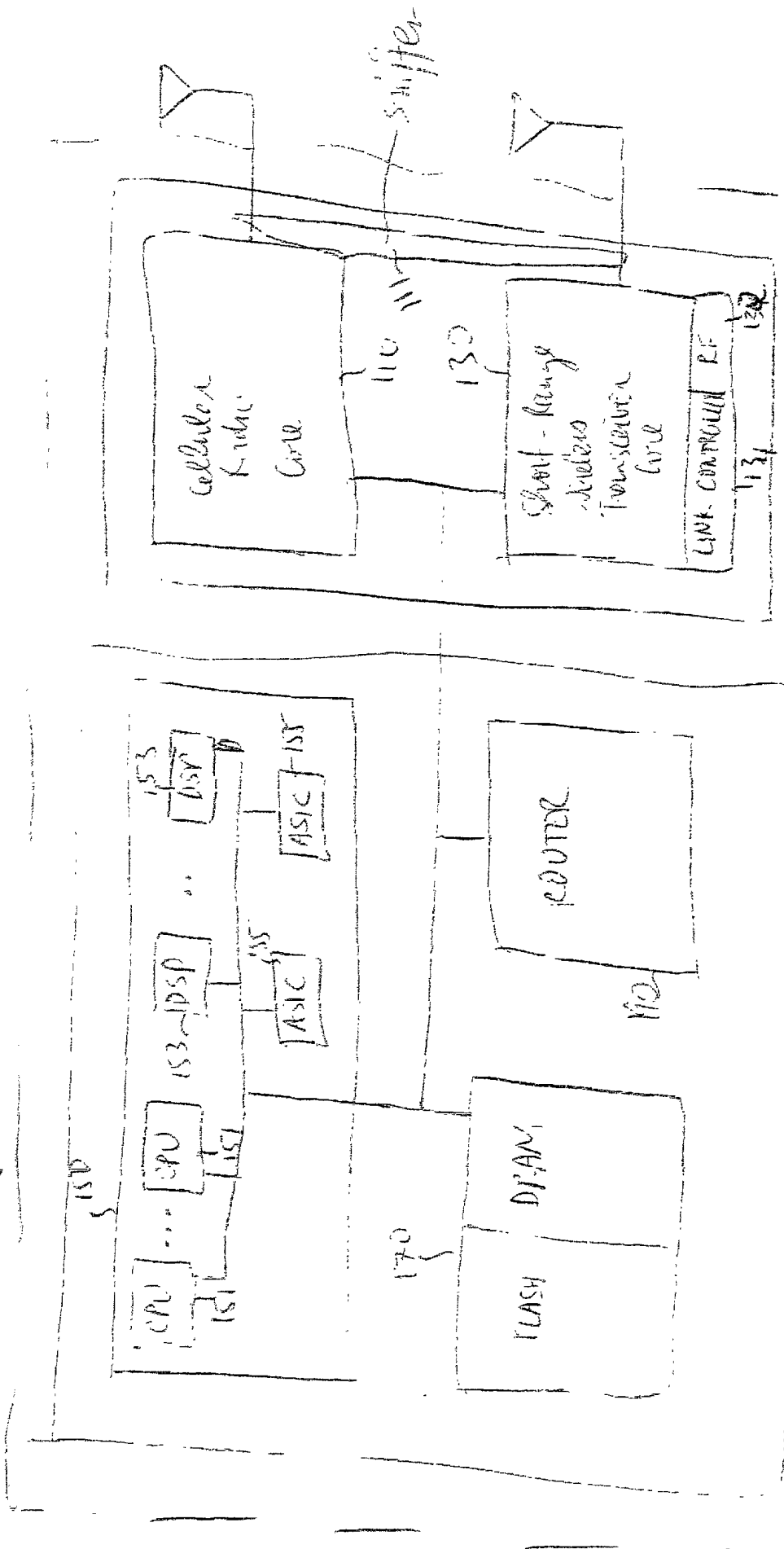


FIG. 5

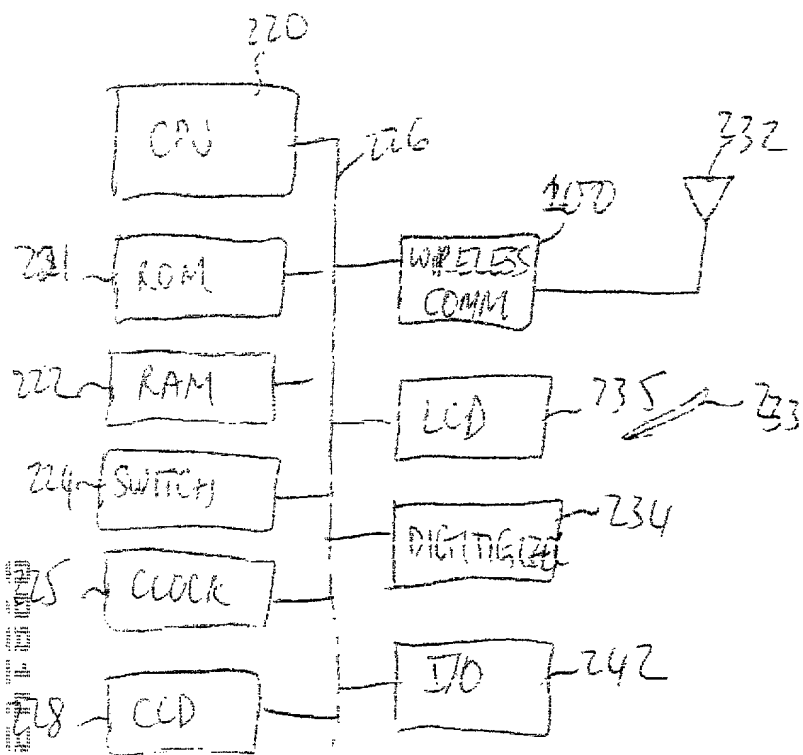


FIG. 8